

## Special Issue

# Novel Diagnostic and Preventive Options of Pregnancy Complications Originated from Placental Pathologies

### Message from the Guest Editors

Placental dysfunction underlies major obstetric diseases including miscarriage, preterm birth, foetal growth-restriction, preeclampsia and stillbirth. Whilst there has been progress made in our understanding of the placental molecular pathways involved in the pathophysiology of these obstetrical syndromes, a significant gap still exists in utilizing this information collected thus far for the development of novel diagnostic and treatment modalities. This could mainly be attributed to the distinct subtypes of placental dysfunction presented with complex clinical phenotypes and resulting in heterogeneous patient populations. Therefore, this Special Issue is focused on inviting research papers to greatly enhance our understanding and knowledge on the different disease subtypes of the dysfunctional placenta that are associated with disorders of pregnancy and to suggest new venues in closing the gaps between the bench and the clinical practice. Such biomedical discoveries would significantly enhance the opportunities to develop novel and early diagnostic tools and tailored preventive therapies to improve maternal and foetal health outcomes during pregnancy and beyond.

### Guest Editors

Dr. Padma Murthi

Dr. Nandor Gabor Than

Dr. Offer Erez

### Deadline for manuscript submissions

closed (31 December 2024)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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